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Advanced Research on Ticks and Tick-Borne Diseases

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Deadline for manuscript submissions:
closed (30 April 2023)

Message from the Guest Editors

As a Guest Editor of this Special Issue, I invite you to submit research and review articles related tick-borne infections, the ecology and biology of ticks and the processes of interactions between pathogens, ticks and vertebrate hosts during mono- and co-infection. Original research on the diagnosis, prevention, clinical characterization, and therapy of tick-borne infections is also welcome. In addition, review articles, including opinions on future prospects for the study of pathogens and the ecology of their vectors, are welcome. Topics of interest include:

- 1. Diversity, distribution and ecology of ticks and tick-borne infections;
  2. Control of tick populations, anti-tick vaccines, and genetic modifications of ticks;
  3. Interactions between viruses, bacteria, ticks and vertebrate hosts;
  4. Recent advances in animal and cell line models of tick-borne infections;
  5. Recent advances and novel approaches in monitoring and surveillance of tick-borne infections of humans and animals;
  6. Development of antivirals and antibiotics against tick-borne pathogens;
  7. Novel approaches to the detection of tick-borne pathogens, diagnostics, therapy and prevention of tick-borne diseases;

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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